

FIG.1

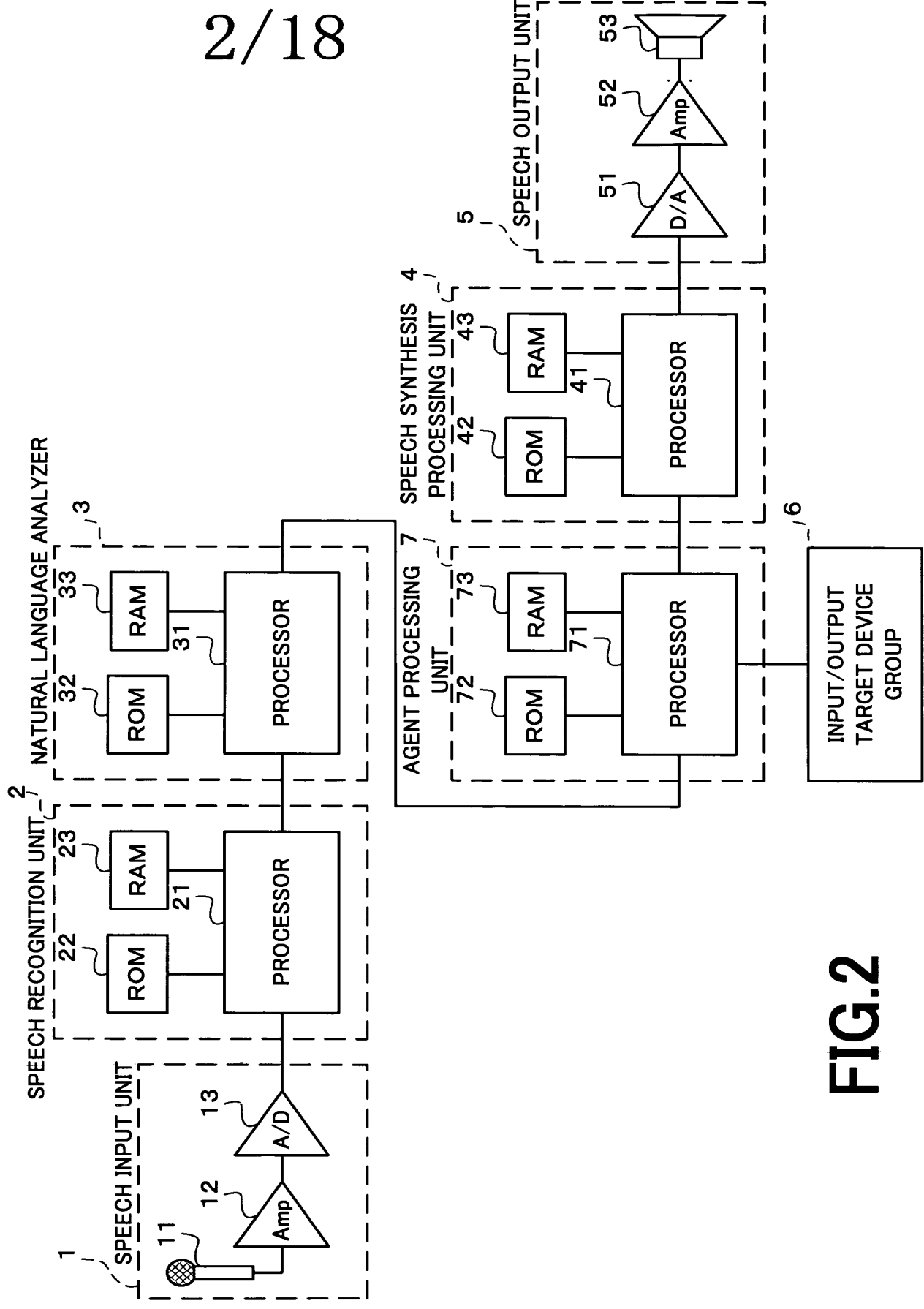


FIG.2

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FIG. 3

RECOGNIZED WORDS	CATEGORIES			
	EATING	HOSPITAL	TRAVEL	NAVIGATION SETTING
"HETTA"	○			
"SUITA"	○			
"ONAKA"	○	○		
"EAT"	○			
"GO"	○	○	○	○
"SETTING"	○	○		○
"SOMEPLACE"	○	○	○	○
"WHERE"	○			
"EATING"	○			
"HURT"		○		
"HOSPITAL"		○		
"GOAL"				○

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TRIGGER ACQUISITION PROCESS	TRANSITION CONSTANT k
SYMBOL : TG	
TG00 : "NOT INTERESTING"	0.7
TG01 : "EATING"	0.8
TG51 : "JAPANESE FOOD"	0.5
TG52 : "WESTERN FOOD"	0.5
TG53 : "CHINESE FOOD"	0.5
⋮	⋮

FIG.4A

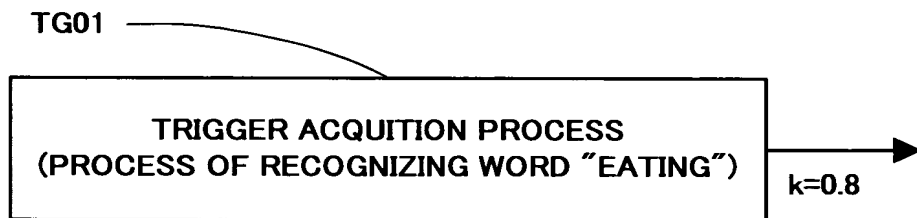


FIG.4B

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DISCRIMINATION PROCESS	TRANSITION CONSTANT k
SYMBOL : BRxx	
BR01 : WHAT TIME?	~ 12 : 00 : 0.4
	12 : 00 ~ 14 : 00 : 0.3
	14 : 00 ~ : 0.4

FIG.5A

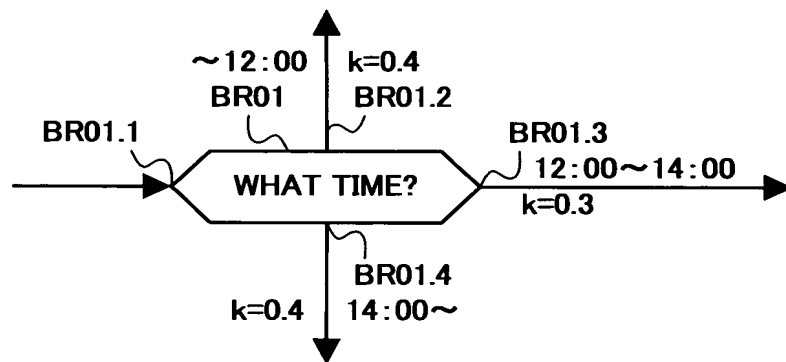


FIG.5B

DETERMINATION PROCESS (INQUIRY MADE)	TRANSITION CONSTANT k
SYMBOL : QBxx	
QB01 : GO EATING?	Yes : 0.7 No : 0.4
QB02 : THEN, GO TO CONVENIENCE STORE?	Yes : 0.5 No : 0.3
⋮	⋮

FIG.6A

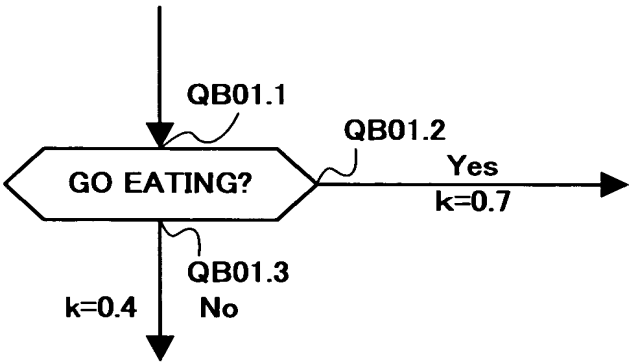


FIG.6B

OUTPUT PROCESS	TRANSITION CONSTANT k
SYMBOL : EXxx, SPxx	
EX02 : NAVIGATION GUIDE	0.8
⋮	⋮
SP02 : GUIDE FOR CONVENIENT STORE	0.8
SP03 : DRIVE CAREFULLY	0.8
⋮	⋮

FIG.7A

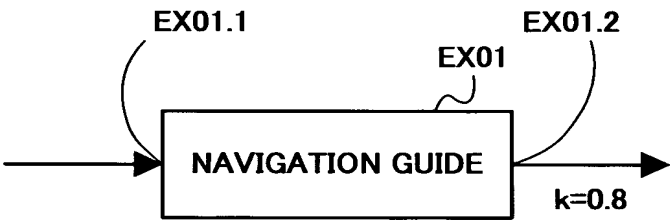


FIG.7B

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FIG. 8

WIRE NUMBER		PRECEDING NODE	FOLLOWING NODE	WEIGHTING FACTOR J
W1	=	From (TG01.1)	To (CN01.1) ,	1.0
W2	=	From (CN01.3)	To (EX01.1) ,	0.5
W3	=	From (CN01.2)	To (QB01.1) ,	0.5
W4	=	From (TG02.2)	To (EX03.1) ,	1.0
W5	=	From (QB01.3)	To (EX03.1) ,	0.5
W6	=	From (QB01.2)	To (EX02.1) ,	0.5
W7	=	From (EX02.2)	To (TG03.3) ,	0.5
		⋮		

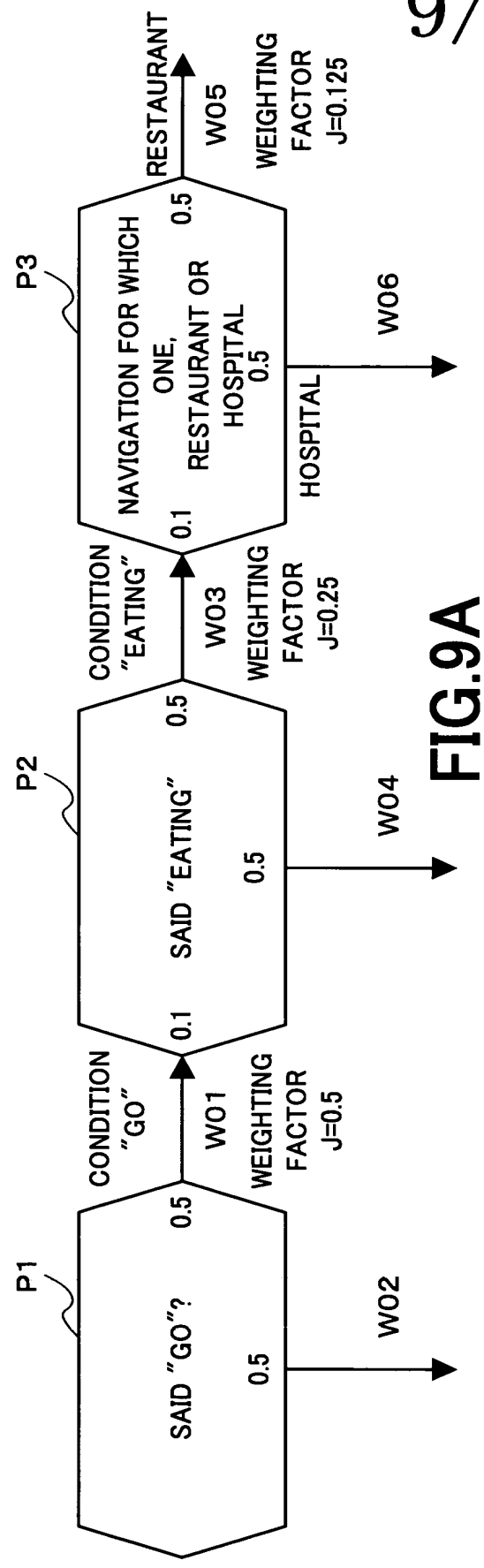


FIG. 9A

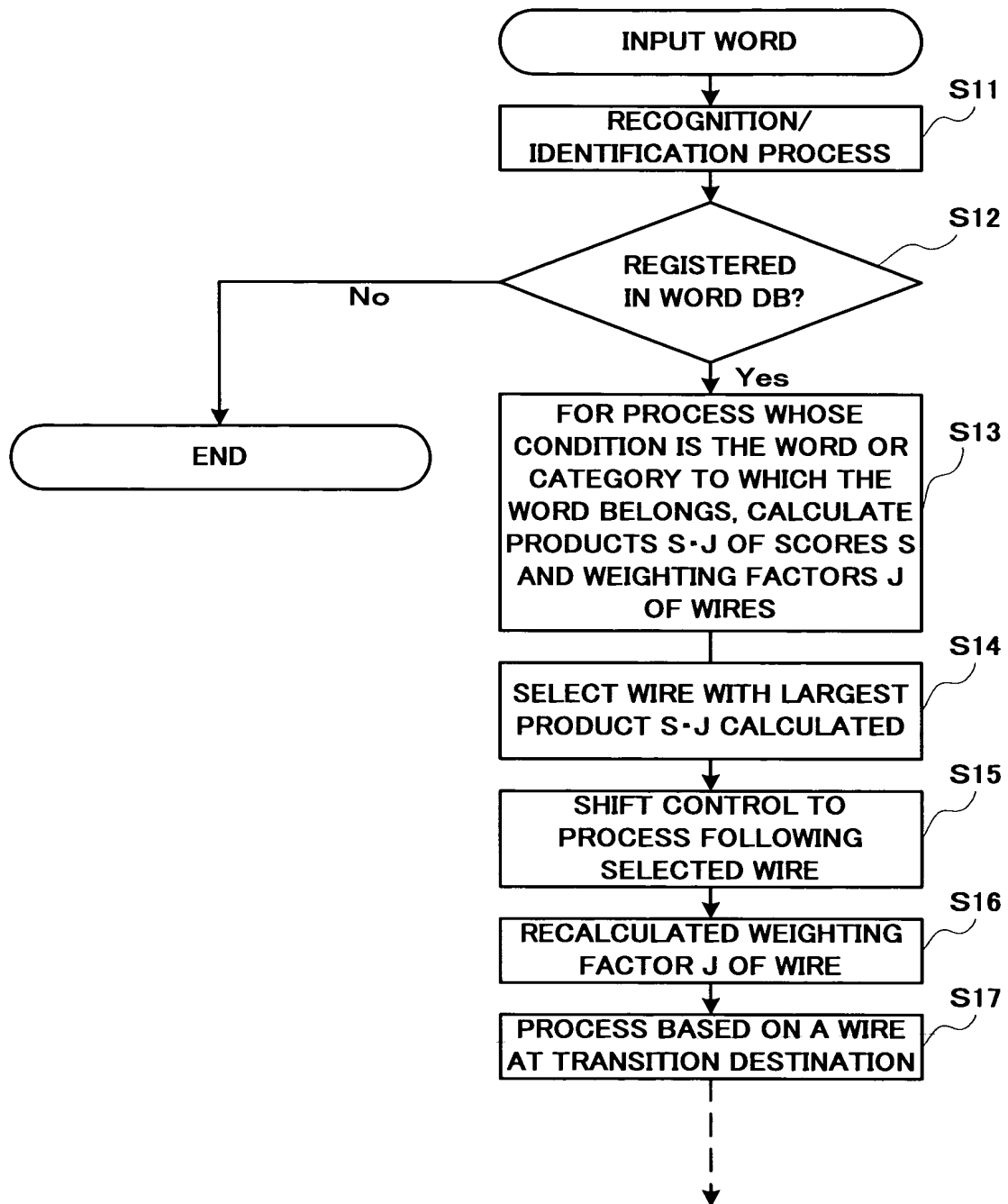
W01	=	From	(TG101.1)	To	(CN101.1)
W02	=	From	(CN101.3)	To	(QB101.1)
W03	=	From	(QB101.3)	To	(CN102.1)
W04	=	From	(CN101.2)	To	(CN103.1)
W05	=	From	(QB101.2)	To	(CN104.1)
			:		

FIG. 9B

WHEN PROCESS IS IN P1	WHEN PROCESS IS IN P2	WHEN PROCESS IS IN P3
W01 = 0.5	W01 = 0.1	W01 = 0.01
W02 = 0.25	W02 = 0.5	W02 = 0.1
W03 = 0.125	W03 = 0.25	W03 = 0.5
W04 = 0.25	W04 = 0.5	W04 = 0.05
W05 = 0.125	W05 = 0.25	W05 = 0.5
C-1	C-2	C-3

FIG. 9C

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FIG. 10



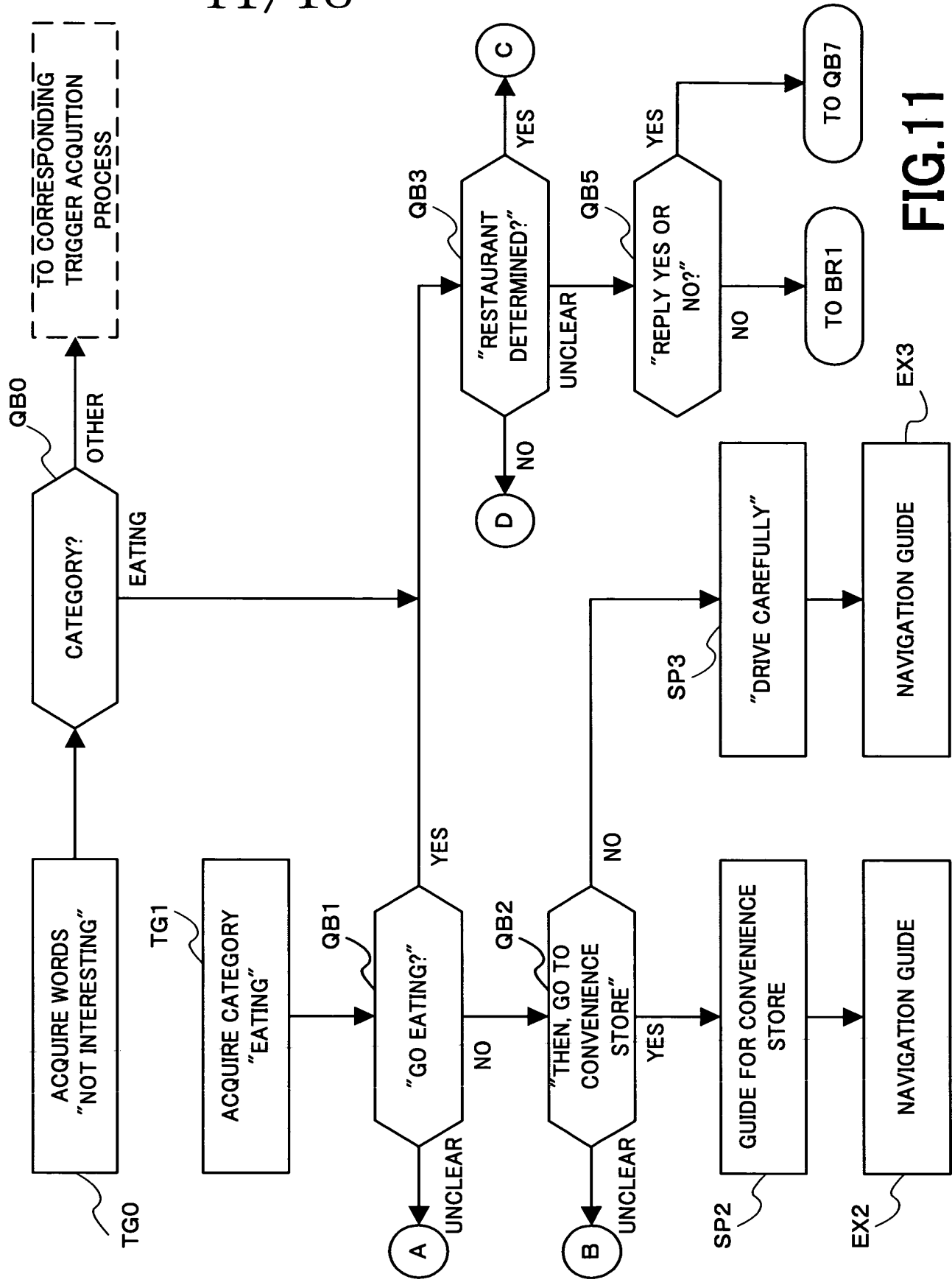


FIG.11

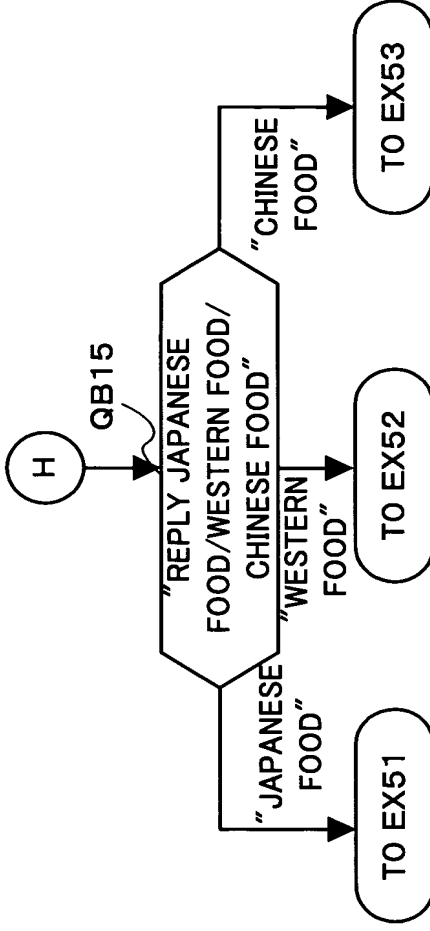
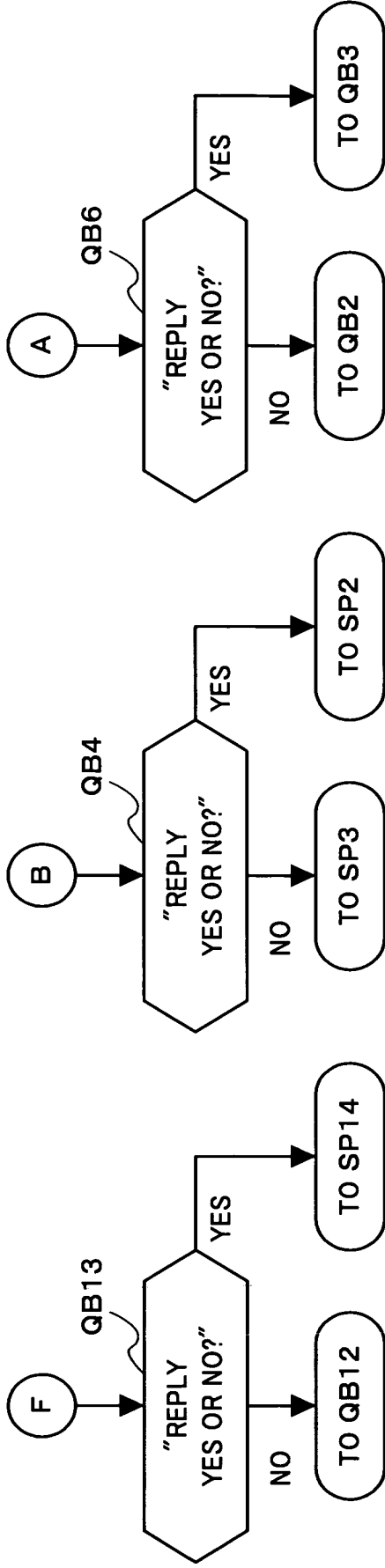
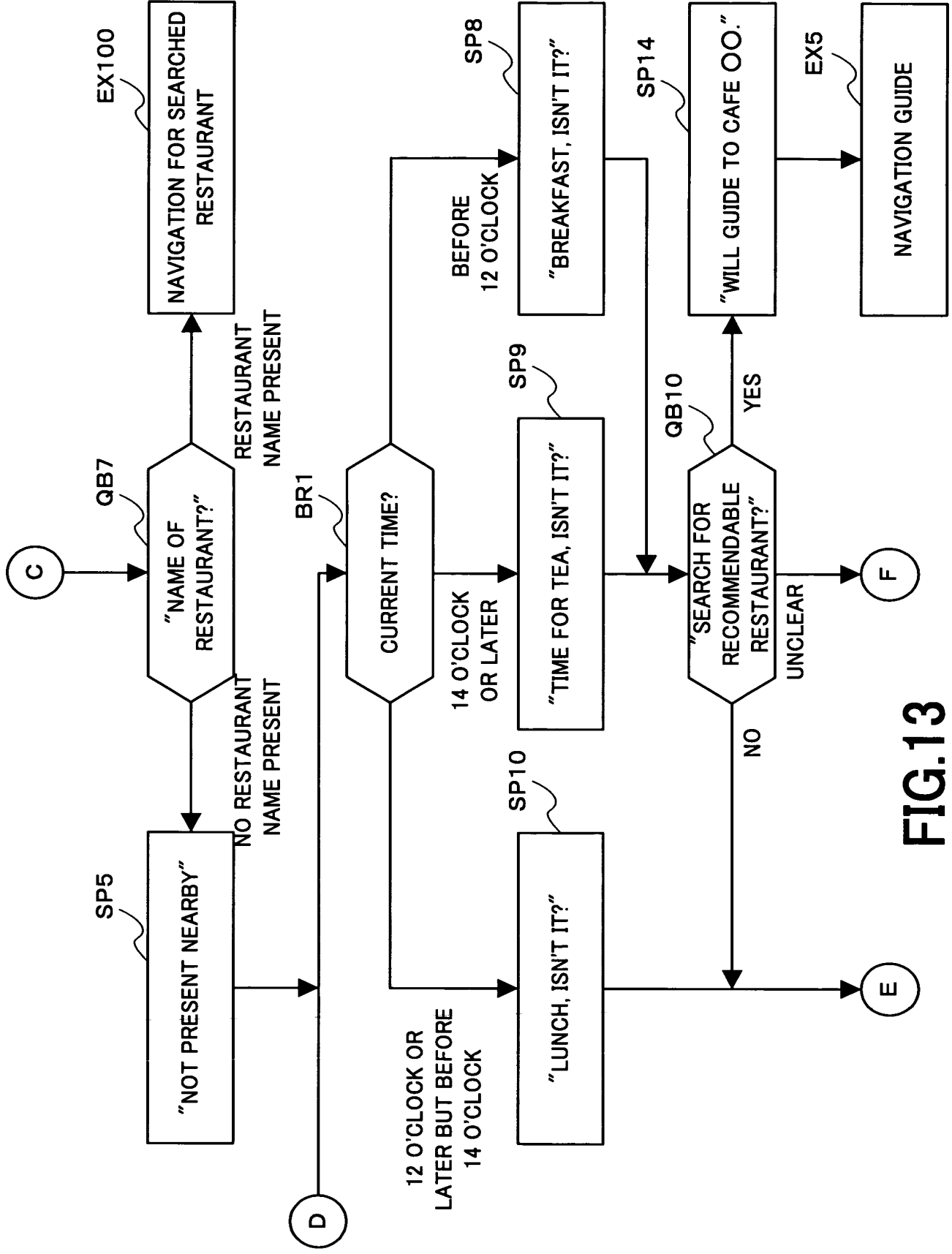


FIG.12



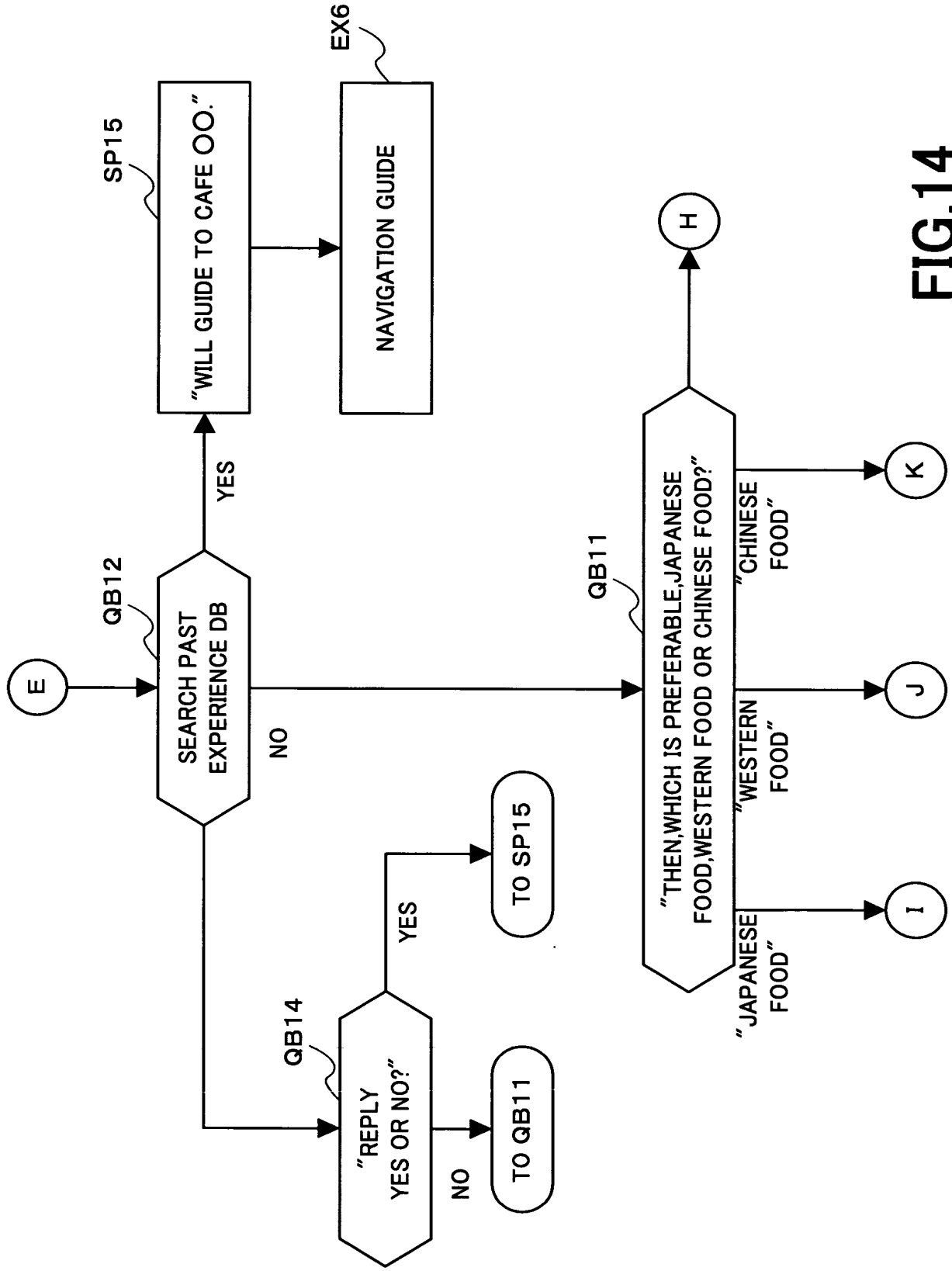


FIG.14

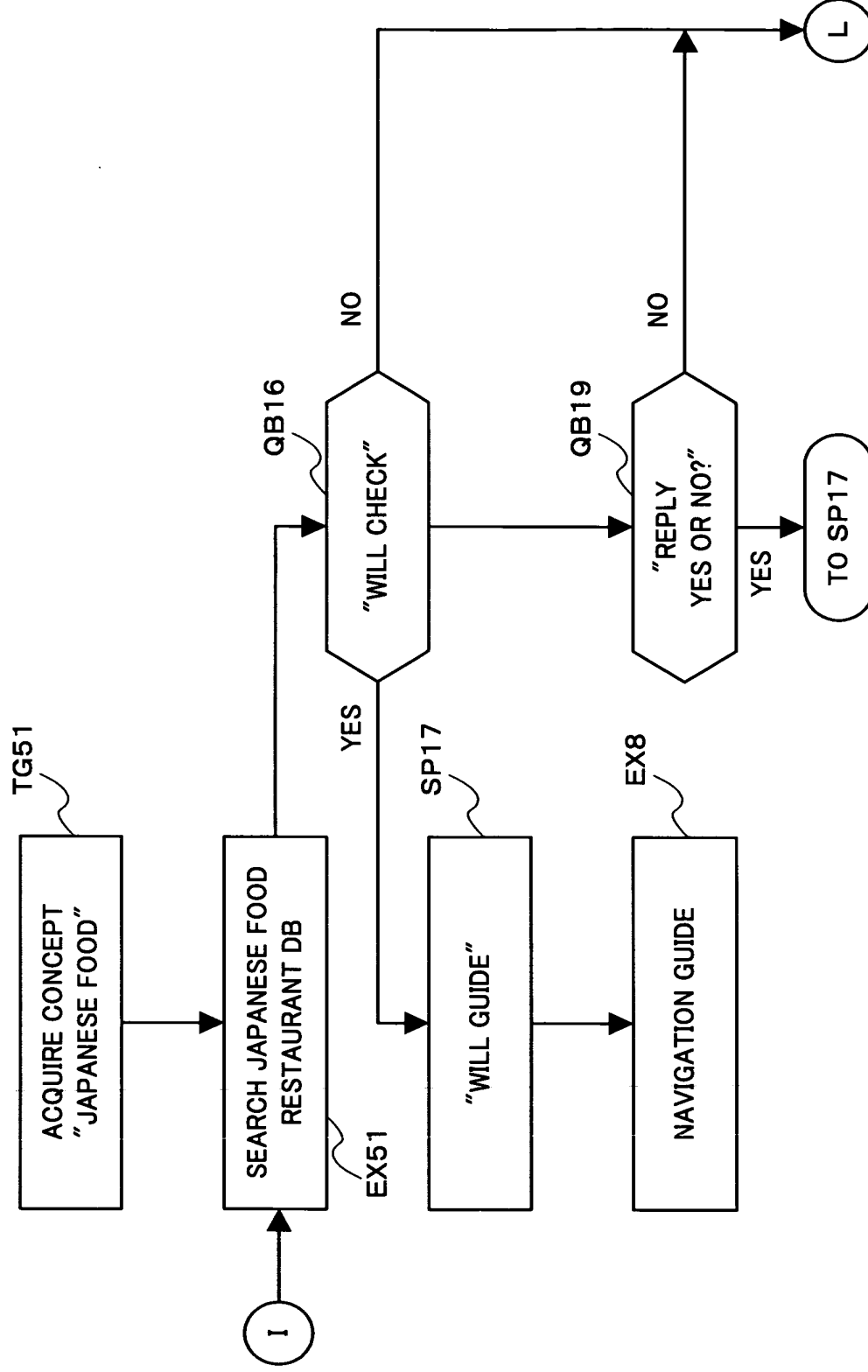


FIG.15

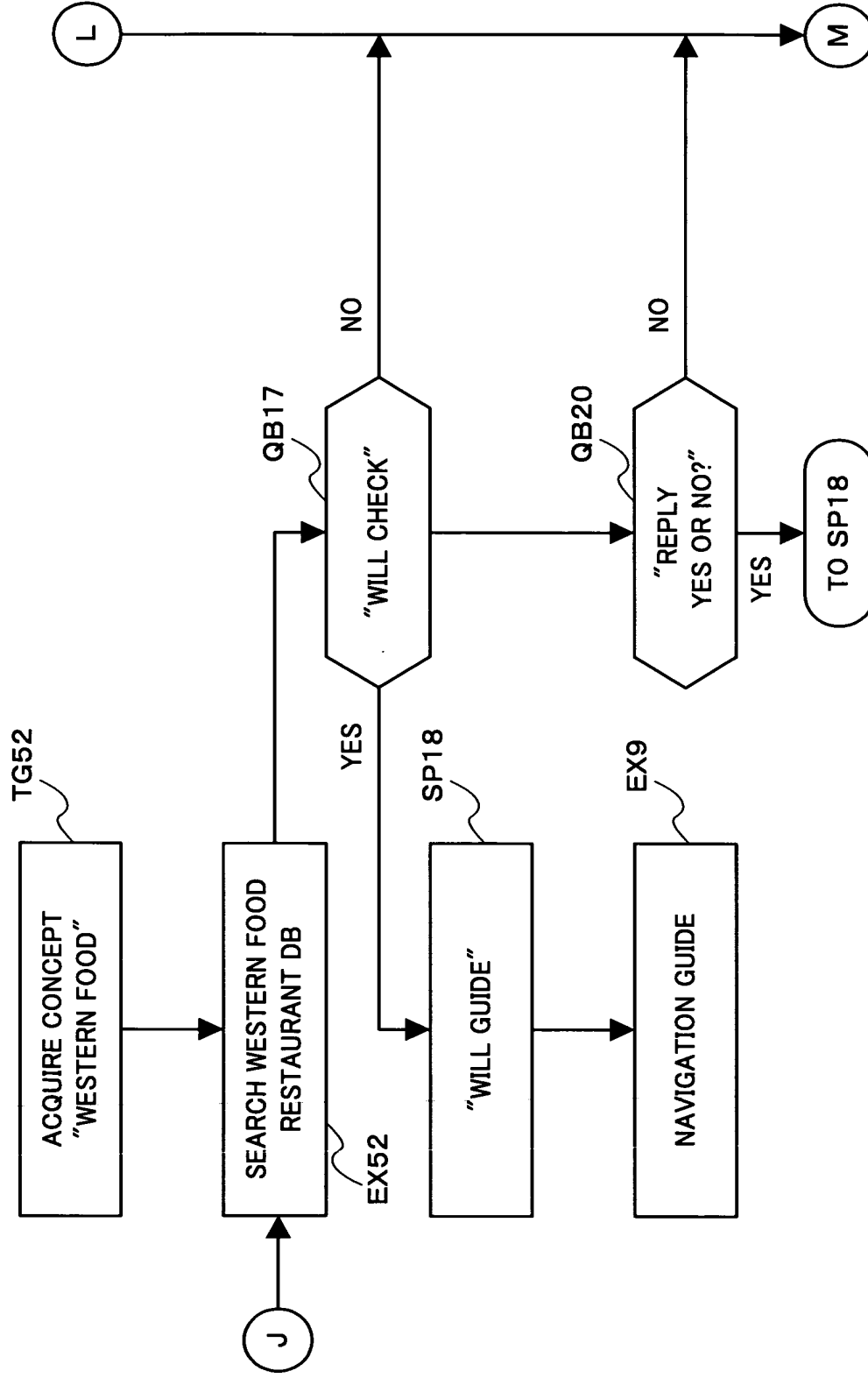


FIG.16

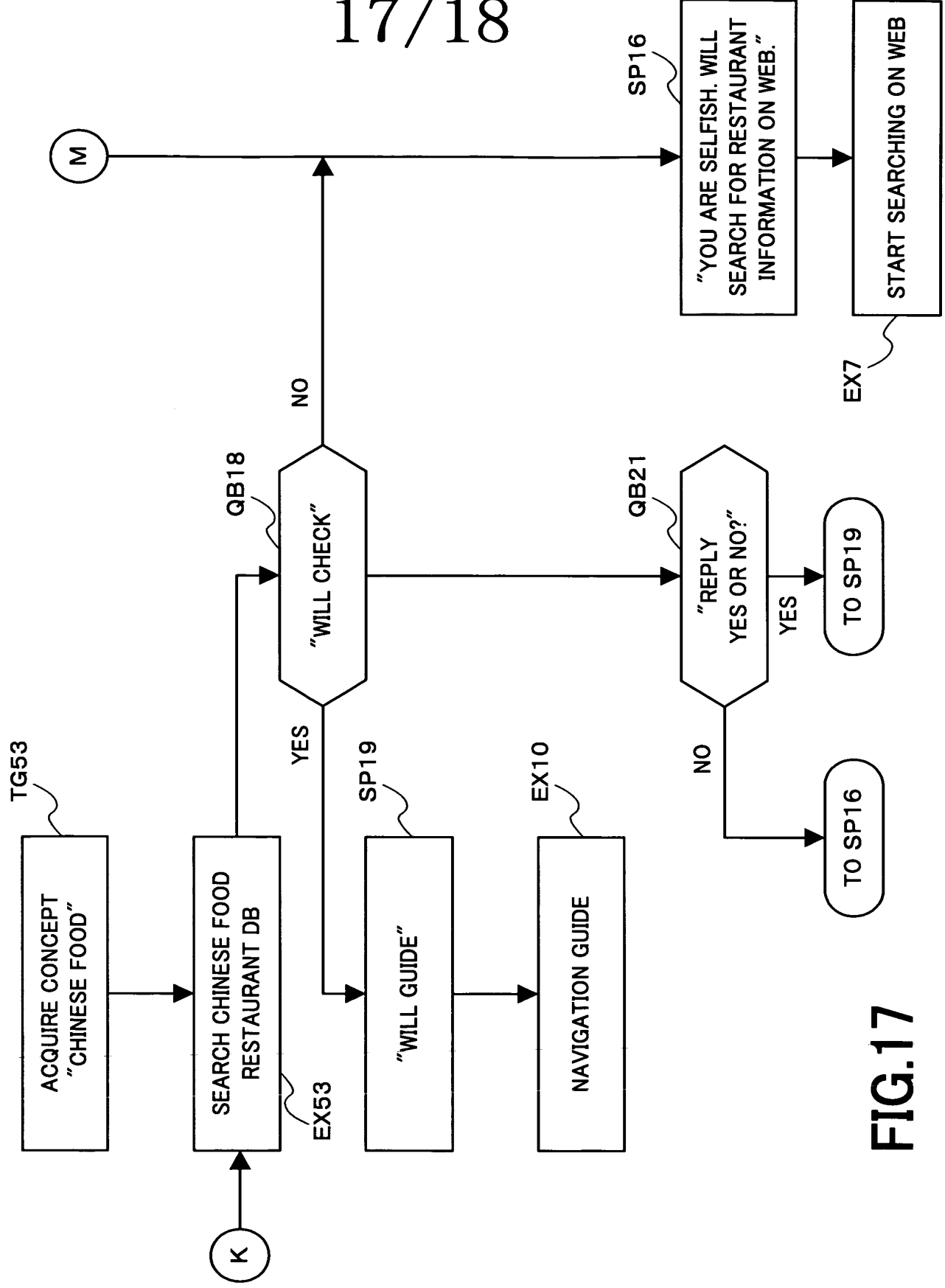


FIG.17

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FIG. 18

	"ONAKA"	"SOMEPLACE"	"GOAL"
"HETTA"	EATING	EATING	
"HURT"	HOSPITAL	HOSPITAL	
"SETTING"			NAVIGATION SETTING
"GO"	EATING	TRAVEL	